

Appln. No. 09/557,980  
Amendment dated May 4, 2004  
Reply to Office Action of March 4, 2004

Amendments to the Claims:

Please cancel claims 1-15 and add new claims 16-23 as follows. The following listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

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Claims 1-15: Cancelled.

Claim 16 (New). A system comprising a database distribution apparatus configured to write various types of databases in a portable recording medium and a portable terminal apparatus configured to execute data processing by accessing a database  
5 written in the recording medium while the recording medium is set in the terminal apparatus,

a1 the database distribution apparatus comprising:

database storing means for storing a plurality of databases;

identification information memory means for storing

10 identification information corresponding to terminal identification information pre-stored in the portable terminal apparatus while associating the information to a plurality of portable terminal apparatus, respectively and grouping the identification information into a plurality of groups; and

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15 distribution means for, when writing a database to a  
plurality of recording mediums to which the databases are  
distributed, reading the identification information contained in  
a group selected from a plurality of groups, from the  
identification information memory means, reading a database to be  
20 utilized in a portable terminal device of the selected group, and  
writing the read identification information and databases  
consecutively to said plurality of recording mediums set in the  
portable terminal apparatus, and

the portable terminal apparatus comprising:

25 judging means for, when accessing the database, reading the  
identification information written in the recording medium set in  
the portable terminal apparatus and judging whether the portable  
terminal apparatus contains identification information  
corresponding to terminal identification information pre-stored  
30 in the portable terminal apparatus itself; and

processing means for executing an accessing process to the  
database written in the memory medium when the judgment means  
judges that the corresponding identification information is  
contained.

Claim 17 (New). The system according to claim 16, wherein

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the database distribution apparatus further comprises:  
correspondence storing means for storing correspondence  
between the databases and the identification information,

5 respectively,

the distribution means further comprising means for  
specifying the databases corresponding to the read identification  
information based on the correspondence storing means, reading  
the specified databases consecutively from the database storing  
10 means, and writing the read databases, while associating them  
with the identification information, consecutively to said  
plurality of recording mediums set in the portable terminal  
apparatus; and

the portable terminal apparatus comprising means for  
15 executing the accessing process by the processing means only to a  
database corresponding to the identification information judged  
to be contained by the processing means.

Claim 18 (New). A database distribution apparatus that  
writes various databases to a portable recording medium  
comprising:

database storing means for storing a plurality of databases;

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5 identification information memory means for storing  
identification information corresponding to terminal  
identification information pre-stored in a portable terminal  
apparatus while associating the identification information to a  
plurality of portable terminal apparatus, respectively, and  
10 grouping the identification information into a plurality of  
groups;

a' correspondence storing means for storing correspondence  
between the databases and the identification information,  
respectively,

15 individual designation means for designating an individual  
write of a database in a one-to-one correspondence manner in  
which only one portable terminal apparatus is allowed to be used;

group designation means for designating a group write of a  
database that can be utilized commonly by a plurality of portable  
20 terminal apparatus within the group;

first distribution means for, when writing a database to a  
recording medium to which the database is distributed by the  
individual designation, reading the identification information  
corresponding to the portable terminal apparatus in which the  
25 recording medium is used, from the identification information  
memory means, specifying the database corresponding to the read

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identification information, reading the specified database from the database storing means, and writing the read identification information and databases to the recording medium; and

30 second distribution means for, when writing a database to a plurality of recording mediums to which the database is distributed by the group designation, reading the identification information corresponding to a plurality of portable terminal apparatus contained in the group that uses the recording medium,  
35 from the identification information memory means, reading a database to be utilized by said plurality of portable terminal apparatus of the group, and writing the read identification information and database to the recording medium.

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Claim 19 (New). A portable terminal apparatus that executes data processing after accessing a recording medium in which a database is written by a database distribution apparatus, the portable terminal apparatus comprising:

5 judging means for, when accessing the database written in the recording medium, reading one or a plurality of identification information written in the recording medium, comparing the identification information with identification information corresponding to terminal identification information  
10 pre-stored in the portable terminal apparatus, and judging

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whether the identification information corresponding to terminal  
identification information is contained in the recording medium;  
and

15 processing means for executing an accessing process to the  
database written in the memory medium when the judging means  
judges that the corresponding identification information is  
contained.

a' Claim 20 (New). A portable recording medium configured to  
be used in the system recited in claim 16.

Claim 21 (New). A portable recording medium configured to  
be used in the database distribution apparatus recited in claim  
18.

Claim 22 (New). A database distributing method comprising:  
distributing various types of databases to a recording  
medium;

5 accessing a database written in the recording medium while  
the recording medium is set in a portable terminal apparatus;  
wherein the step of distributing comprises:  
storing a plurality of databases,

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storing identification information corresponding to terminal  
identification information pre-stored in the portable terminal  
10 apparatus while associating the identification information to a  
plurality of portable terminal apparatus, respectively;

grouping the identification information into a plurality of  
groups;

reading, when writing a database to a plurality of recording  
15 mediums to which the databases are distributed, the  
identification information contained in a group selected from  
said plurality of groups;

reading a database to be utilized in a portable terminal  
device of the selected group; and

20 writing the read identification information and databases  
consecutively to a plurality of recording mediums set in the  
portable terminal apparatus, and

the accessing the database comprises:

reading, when accessing the database, the identification  
25 information written in the recording medium set in the portable  
terminal apparatus,

judging whether the portable terminal apparatus contains  
identification information corresponding to terminal  
identification information pre-stored in the portable terminal  
30 apparatus itself; and

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accessing to the database written in the memory medium when the judging judges that the corresponding identification information is contained.

Claim 23 (New). A database distributing method for distributing various databases to a portable recording medium, comprising:

storing a plurality of databases,

5 storing identification information corresponding to terminal identification information pre-stored in a portable terminal apparatus while associating the identification information to a plurality of portable terminal apparatus, respectively;

grouping the identification information into a plurality of  
10 groups;

storing correspondence between the databases and the identification information, respectively;

designating an individual write of a database in a one-to-one correspondence manner in which only one portable terminal  
15 apparatus is allowed to be used;

designating a group write of a database that can be utilized commonly by a plurality of portable terminal apparatus within the group,



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first distributing, when writing a database to a recording  
20 medium to which the database is distributed by the individual  
designation, by reading the identification information  
corresponding to the portable terminal apparatus in which the  
recording medium is used, from identification information memory  
means; specifying the database corresponding to the read  
25 identification information, reading the specified database from  
the database storing means, and writing the read identification  
information and databases to the recording medium; and

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second distributing, when writing a database to a plurality  
of recording mediums to which the database is distributed by the  
30 group designation, by reading the identification information  
corresponding to a plurality of portable terminal apparatus  
contained in the group that uses the recording medium, from the  
identification information memory means, reading a database to be  
utilized by said plurality of portable terminal apparatus of the  
35 group, and writing the read identification information and  
database to the recording medium.